



VIP Protection

Advanced Planning Briefing For Industry
February 21, 2006

Technical Support Working Group
Combating Terrorism Technology
Support Office (CTTSO)



Mission

- **Identify, prioritize, and execute research and development projects that satisfy DoD, interagency, state, and local user requirements to develop equipment and systems to alert and prevent attacks on designated VIP personnel.**
- **Develop equipment and systems that provide security to both the VIPs and their protectors.**
- **Develop life safety and emergency response equipment in support of VIP operations.**



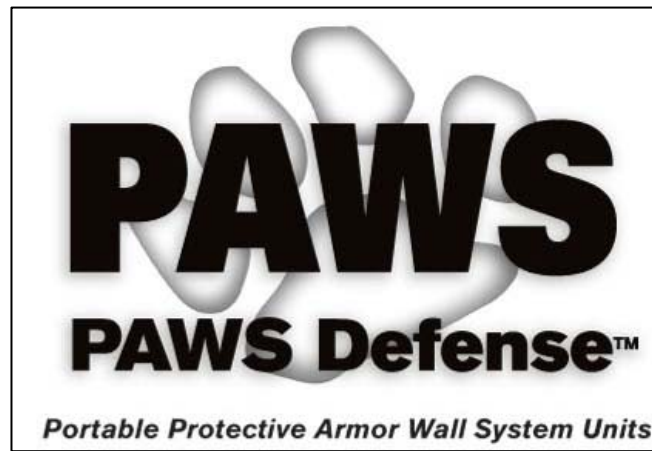
Subgroup Membership

- **U.S. Department of Homeland Security**
 - United States Secret Service
- **U.S. Department of Energy**
 - Office of Security and Safety Performance Assurance
- **U.S. Department of State**
 - Bureau of Diplomatic Security
- **U.S. Department of Defense**
 - United States Army (SSC, TACOM)
 - United States Special Operations Command (USSOCOM)
- **U.S. Department of Justice**
 - National Institute of Justice
- **U.S. Department of Commerce**
 - NIST (Office of Law Enforcement Standards)
- **U.S. Capitol Police**
- **National Security Agency**



VIP Success Story

- **Deployable Armor System**
 - Rapidly deployable ballistic protection
 - Dynamic Defense Materials, LLC (Boothwyn, PA)





FY2007 Requirements

- **R-2154 Cooperative Target Tracking Device**
- **R-2158 Wireless Surveillance Earpiece**
- **R-2183 Improved Concealable Body Armor**
- **R-2184 Field-Installable Inconspicuous Vehicle Armor**



R-2154 Cooperative Target Tracking Device

- **Product:** System for tracking the position of cooperative agents anywhere in the world via multiple, remote monitoring locations.
- **Specifications:**
 - Indoor and outdoor location
 - Transmitter beacon must be approximately mobile phone sized and include panic alarm



R-2154 Cooperative Target Tracking Device (cont'd)

Specifications (cont'd):

- Information must be encrypted at a level no lower than Triple DES; AES preferred
- Utilize commercial geospatial mapping software with geo-fencing for individual assets
- Send information to both mobile and fixed monitoring stations
- No additional infrastructure near the transmitter to successfully operate
- No purely GPS-based systems



R-2158 Wireless Surveillance Earpiece

- **Product:** Unobtrusive wireless earpiece for existing radio communication systems.
- **Specifications:**
 - Provide 50 hours of use with replaceable batteries or 10 hours continued use for rechargeable batteries (preferred)
 - Compatible with custom molded earpieces
 - Must have adjustable volume control
 - Encryption protection preferred



R-2183 Improved Concealable Body Armor

- **Product:** Advanced concealable and flexible body armor for ballistic protection.
- **Specifications:**
 - Must provide NIJ Level IIIA ballistic protection as a minimum
 - Must be concealable under typical clothing worn in the US or Middle East
 - Novel method of concealment needed



R-2184 Field-Installable Inconspicuous Vehicle Armor

- **Product:** Field kits for installing inconspicuous armor protection on multiple types of stock commercial vehicles.
- **Specifications:**
 - Desired minimum protection against 7.62 x 39 mm threat
 - Must be able to install in field with a minimum of special tools



R-2184 Field-Installable Inconspicuous Vehicle Armor (cont'd)

- **Specifications (cont'd):**
 - Target vehicles are those commonly found in the Middle East
 - Focus on protection for the occupants, wheels, and engine block
 - Packaged as an easy to deploy kit
 - Must be simple enough for non-mechanics to install



Contact Information

BAA-specific Questions:

06-Q-5570@tswg.gov